

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5)

09/674817

INTERNATIONAL APPLICATION NO.

PCT/EP99/03141

INTERNATIONAL FILING DATE

7 May 1999

(EARLIEST) PRIORITY DATE CLAIMED

8 May 1998

TITLE OF INVENTION

**NUCLEIC ACID MOLECULES WHICH CODE FOR ENZYMES DERIVED
FROM WHEAT AND WHICH ARE INVOLVED IN THE SYNTHESIS OF
STARCH**

APPLICANTS FOR DO/EO/US

**Horst LÖRZ, Stephanie LÜTTICKE, Gernot ABEL and
Ulrich GENSCHER**

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)) including the International Search Report and the amended pages:
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)), including ___ sheets of formal drawings and a copy of the International Search Report.
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventors (35 U.S.C. 371(c)(4)).
10. ☐ The annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

PCT/ISA/210, PCT/IB/306, 308

PCT/RO/101, 18 pages of Sequence Listing

EXPRESS MAIL

Mailing Label Number: **EL585029828US**

Date of Deposit: **November 6, 2000**

I hereby certify that this paper or fee is being deposited with the United States Postal Service

"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents and Trademarks, Box PCT Washington, DC 20231.

Charles Jackson
(Typed or printed name of person mailing paper or fee)

Charles Jackson
(Signature of person mailing paper or fee)

17. ☒ The following fees are submitted:

(CALCULATIONS /PTO USE ONLY)

Basic National Fee (37 CFR 1.492(a)(1)-(5):Neither international preliminary examination fee (37 CFR 1.482) nor
international search fee (37 CFR 1.445(a)(2)) paid to USPTO and
International Search Report not prepared by the EPO or JPO... \$1000.00International preliminary examination fee (37 C.F.R. 1.482)
not paid to USPTO but International Search Report prepared
by the EPO or JPO... \$ 860.00International preliminary examination fee paid to USPTO (37 CFR 1.482)
Not paid to USPTO but international search fee (37 CFR 1.445(a)(2))
paid to USPTO (37 CFR 1.445(a)(2))... \$ 710.00International preliminary examination fee paid to USPTO (37 CFR 1.482)
But all claims did not satisfy provisions of PCT Article 33(1)-(4)... \$ 690.00International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(1)-(4)... \$ 100.00

ENTER APPROPRIATE BASIC FEE AMOUNT = (\$ 860.00)

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). (\$ /

24 Claims /Number Filed / Number Extra /Rate (

Total Claims / 24 - 20 = / 4 X \$18.00 \$ 72.00

Independent Claims / 1 - 3 = / 0 /X \$80.00 (\$ 0.00

Multiple dependent claim(s) (if applicable) /+ \$260.00 (\$,

TOTAL OF ABOVE CALCULATIONS = (\$ 932.00Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity (/
statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28). (/**SUBTOTAL = (\$ 932.00**Processing fee of \$130.00 for furnishing the English translation later than (/
☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).+ (\$ /**TOTAL NATIONAL FEE = (\$ 932.00**Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment (\$ 40.00/
must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + (\$ /**TOTAL FEES ENCLOSED = (\$ 972.00**(Amount to be: /
(refunded /\$
(charged /\$a. ☒ Our checks in the amount of \$972.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. 50-0320 in the amount of \$ to cover the above fees.

A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 50-0320. A duplicate copy of this sheet is enclosed.NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and
granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

WILLIAM F. LAWRENCE
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745 FIFTH AVENUE
NEW YORK, NEW YORK 10151

SIGNATURE

WILLIAM F. LAWRENCE
NAME

28,029

REGISTRATION NUMBER

Dated: November 6, 2000

09/674817
529 Rec'd PCT/PTC 06 NOV 2000

Attorney Docket No. 514413-3849

New U.S. Patent Application filed November 6, 2000 for application entitled:

**NUCLEIC ACID MOLECULES WHICH CODE FOR ENZYMES
DERIVED FROM WHEAT AND WHICH ARE INVOLVED IN
THE SYNTHESIS OF STARCH**

corresponding to PCT/EP99/03141

filed May 7, 1999

Express Mail No.: EL585029828US

Date of Deposit: November 6, 2000

I hereby certify that this application and the accompanying papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231.

Charles J. Simon